

Our Docket No: 42390P6233C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
David G. England ) Examiner: Not Yet Assigned  
)  
Application No.: Not Yet Assigned ) Art Unit: Not Yet Assigned  
)  
Filed: Concurrently Herewith )  
)  
For: Electronic Device with Hidden )  
Keyboard )  
\_\_\_\_\_)  
)  
This is a Continuation of: )  
Application No.: 09/219,925 ) Examiner: Albert Wong  
)  
Filed: December 21, 1998 ) Art Unit: 2635  
\_\_\_\_\_)

**PRELIMINARY AMENDMENTS**

Box Patent Application  
Assistant Commissioner for Patents  
Arlington, Virginia 22202

Sir:

Prior to the examination of the present application, please enter the following amendments and consider the following remarks.

**EXPRESS MAIL CERTIFICATE OF MAILING**

Express Mail" mailing label number: EJ 201091272 US

I hereby certify that I am causing the above-referenced correspondence to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated below and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Arlington, Virginia 22202.

November 21, 2001  
Date of Deposit

Krista Mathieson

Name Of Person Mailing Correspondence

Krista Mathieson  
Signature

11/21/01  
Date Signed

Docket No: 42390P6233C  
Express Mail No.: EJ 201091272 US

## AMENDMENTS

This section presents changes to the specification and the claims in a clean-unmarked format. A version with markings to show the changes made by the current amendment is provided after the remarks section.

### In the Specification:

Please insert as the first sentence of the specification:

--This is a continuation of Application Serial No. 09/219,925, filed on December 21, 1998. --

Please replace the paragraph beginning at page 5, line 3 with the paragraph:

-- An electronic device having a display that is capable of concealing a keyboard is disclosed. In a "read mode" the display is visible to a user, but the display conceals the keyboard. This mode allows easy access to data and images via the display. When the display is moved to a "full input/output (I/O) mode", the display is still visible to a user, but the display no longer conceals the keyboard. This mode allows the user to input information via the keyboard as well as view information output from the display. --

Please replace the paragraph beginning at page 5, line 10 with the paragraph:

-- Figure 1 shows a prior art example of an electronic device 10 having a display 20 and maneuver buttons 22. A user is able to view information on the display 20, and the maneuver buttons 22 allow limited input for scrolling through data. The information displayed may comprise pictorial information (images) or textual information (names, appointments, etc.).--

**In the Claims:**

Presented below are the claims in a clean-unmarked format. Please cancel claims 1-29 without prejudice. Please add new claims 30-54 as follows:

**Presentation Of The Claims In A Clean-Unmarked Format**

30. A device comprising:
- a base comprising a keyboard comprising all character input buttons; and
- a display that is mechanically and electrically coupled with the base and that comprises a viewing surface to display information, wherein the display has a first position that conceals the keyboard and the display has a second full input/output position that exposes the entire keyboard, wherein the viewing surface is visible in the first position and the second position,
- wherein the viewing surface remains substantially coplanar during movement of the display between the first position and the second position.
31. The device of claim 30, further comprising a mechanical coupling means to mechanically couple the display with the base.
32. The device of claim 30, wherein the keyboard includes a full set of numbers.
33. The device of claim 30, wherein the keyboard includes a full set of letters.
34. The device of claim 30, wherein the display is a display to move between the first position and the second position without the use of an arm.
35. The device of claim 30, wherein the display is a display is to move between the first position and the second position without the use of a ball joint to pivot the display relative to the base.

36. The device of claim 30, further comprising a mechanical guide to move the display between the first position and the second position.
37. The device of claim 36, wherein the mechanical guide includes a first mechanical guide coupling a first side of the display directly to a first side of the base and a second mechanical guide coupling a second side of the display directly to a second side of the base.
38. The device of claim 36, wherein the mechanical guide comprises a groove along an edge of the base and a corresponding protrusion along an edge of the display.
39. The device of claim 36, wherein the mechanical guide comprises a protrusion along an edge of the base and a corresponding groove along an edge of the display.
40. The device of claim 36, wherein the mechanical guide comprises an electrical contact comprising a portion on the display that slides across and electrically connects with a portion on the base.
41. The device of claim 30, further comprising at least three sliding guides to connect the display with the base.
42. The device of claim 30, further comprising a single pivot point coupling the display with the base to allow the display to rotate between the first position and the second position.
43. The device of claim 42, wherein the single pivot point is a rod to allow the display to move in substantially a single plane.

44. The device of claim 43, wherein the rod directly connects the display to the base.
45. The device of claim 30, further comprising a single arm connecting the display with the base to move the display between the first position and the second position, wherein the single arm bends at an interior point between a point of connection with the display and a point of connection with the base.
46. The device of claim 45, wherein the single arm comprises an interior joint.
47. The device of claim 46, wherein the arm comprises a sensor to detect an angle of rotation of the joint.
48. The device of claim 30, further comprising a single arm connecting the display with the base to move the display between the first position and the second position, wherein the single arm has at least three degrees of freedom of movement.
49. The device of claim 48, wherein the arm has at least five degrees of freedom of movement.
50. A device comprising:  
  
a base comprising a keyboard to enter data into the device;  
  
a display comprising a viewing surface to display information; and  
  
an attachment means to mechanically and electrically couple the display with the base in a first position wherein the display conceals the keyboard and the viewing surface is visible and in a second full input/output position wherein the display does not conceal the keyboard and the viewing surface is visible.

51. The device of claim 50, wherein the attachment means includes a rod means to rotate the display.
52. The device of claim 50, wherein the attachment means includes a single arm attachment means.
53. The device of claim 50, wherein the attachment means includes a sliding mechanical guide means to slide the display.
54. The device of claim 50, wherein the attachment means includes an electrical contact means to provide an electrical connection between the display and the base.

**REMARKS**

Claims 1 - 29 have been cancelled without prejudice. New claims 30 - 54 have been added and are presented for examination. The undersigned respectfully submit that the new claims are fully disclosed and supported in the original specification and that no new matter has been added. The undersigned respectfully request reconsideration of this application as amended.

**Conclusion**

The pending claims are believed to be in condition for allowance. If the Examiner finds any remaining impediment to the prompt allowance of these claims that could be clarified with a telephone conference, the Examiner is respectfully requested to contact Brent Vecchia at (303) 740-1980.

**Charge our Deposit Account**

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 11-21-01

Brent E. Vecchia

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the Specification:**

The following has been added to the first sentence of the Specification:

--This is a continuation of Application Serial No. 09/219,925, filed on December 21, 1998. --

The paragraph beginning at page 5, line 3 has been amended as follows:

An electronic device having a display that is capable of concealing a keyboard is disclosed. In a "read mode" the display is visible to a user, but the display conceals the keyboard. This mode allows easy access to data and images via the display. When the display is moved to a "full [I/O (input/output) mode] input/output (I/O) mode", the display is still visible to a user, but the display no longer conceals the keyboard. This mode allows the user to input information via the keyboard as well as view information output from the display.

The paragraph beginning at page 5, line 10 has been amended as follows:

Figure 1 shows a prior art example of an electronic device 10 having a display 20 and maneuver buttons 22. A user is able to view information on the display 20, and the maneuver buttons 22 allow limited input for scrolling through data. The information displayed may comprise pictorial information (images) or textual information (names, appointments, [etc.]) etc.).

**In The Claims:**

Claims 1 - 29 have been cancelled.

Claims 30 – 54 are new.